

REMARKS/ARGUMENTS

Claims 1-68 remain in this application. No Claims are added. No Claims are canceled.

Applicant has thoroughly reviewed the outstanding Final Office Action including the Examiner's remarks and the references cited therein. The following remarks are believed to be fully responsive to the Office Action and, when coupled with the above amendments, are believed to render all claims at issue patentably distinguishable over the cited references.

Applicants respectfully requests reconsideration in light of the following remarks.

Response to Argument

With respect to Page 22 through Page 25 of the Final office Action, the Examiner alleges that Nakashima has been taught a processing method of a sub-circuit with electromagnetic induction (col. 38, lines 31-34), said processing method comprising performing a scanning step to receive electromagnetic wave signal (col. 22, lines 37-53); performing a magnifying /filtering step (col. 17, lines 64 to col. 18, line 43) to generate a signal with a specific frequency (col. 17, lines 14-63); receiving said signal with said specific frequency; and performing a transforming step to generate a digital (col. 17, line 14 to col. 18, line 43). In addition, Examiner alleges that claim 1 did not recite "the sound signal is replaced by the second image signal".

According to the disclosure of Nakashima, which did not disclose the step of "transmitting said absolute coordinate and said pressure value to perform an image-mixing function" as Claim 1 recited. Nevertheless, Nakashima disclosed the result of the detection is output to the parallel port (206) as an indication-end press code signal. The analog-to-digital converter converts the input analog signal to a digital signal, and the MPU performs calculation based on this converted digital signal to obtain the accurate position of an indicated point. **The MPU (209) obtains "object information" and associated coded information on the basis of the indication-end press code signal, and executes various types of control of the overall information processing device T1** (col. 22, lines 15-24).

Comparing the disclosure of Nakashima and the step of claim 1, the function of MPU (209) is similar to the "image-mixing function" as the claim recited. Thus, the applicant agrees the opinion of the response to argument of the Examiner.

However, the applicant disagree the response to argument for opinion of the Examiner in this office action.

Combination of the disclosure of Nakashima ('251) and Nichani ('166) did not achieve the present invention. In the disclosure of Nichani ('166), which disclosed **a first digital image is captured from first channel light reflected off the first external surface of the semi-opaque enclosure; and a second digital image is captured from second channel light navigating the object inside the**

enclosure and emanating from the first external surface of the enclosure_(col. 4, lines 48-60).

Respect to Claim 1, recited the step "image-transmitting means for generating and transmitting a first image signal;," and "electromagnetic induction means for generating and transmitting a second image signal;," that is, the first image signal is generated from the "image-transmitting means" (as claim 2 recited), "by way of using communication" (as claim 3 recited), or "by way of using electromagnetic induction" (as claim 4 recited).

However, Nichani disclosed the first digital image (reflected-light image) and second digital image (transmitted-light image). The difference between the Nichani ('166) and claim is that **the generation method for first and second image signal**. Nichani did not disclose the first digital image or second digital image that is generated by "transduction of optical radiation of the image data", "communication" or "electromagnetic induction". In the disclosure of Nichani, the formation of the first digital image is that captured from first channel light (front lighting) reflected off a front external surface of the semi-opaque enclosure; and the formation of a second digital image is that captured from second channel light (back-lighting) which navigates the object inside the enclosure....

Thus, even the disclosure of Nakashima ('251) can anticipate the feature of the independent claim 42, nevertheless, the combination of the disclosure of Nakashima and Nichani did not disclose the first image signal or second image signal is generated by "transduction of

optical radiation of the image data", "communication" or "electromagnetic induction". Thus, the combination of the disclosure of Nakashima and Nichani did not achieve the claim 1.

In addition, Examiner alleges that the combination of the disclosure of Nakashima, Nichani, Mager et al, and Wu et al.

Wu et al disclosed an apparatus for determine the location of a liner object lying on a tablet by detecting electromagnetic induction between the positioning coils corresponding to that line object and the grid-shaped conductors formed in the grid structures of the tablet, and to an apparatus for tracing and recording the movement of the line object on a tablet, ..(col. 1, lines 7-14), and Wu et al also disclosed an image scanning system which offers a capability of image scanning and position determination (col. 1, lines 17-19).

In addition, Wu et al disclosed the image scanning device which is an integration of an optical scanning device, a line segment positioning apparatus, a line segment location method and a position compensation method for scanning an image along any direction at an angle desired wit has many scanning passes as desired without the image being deformed (col. 3, line 28-35).

Furthermore, another reference citation, Mager et al ('093) disclosed an optically methods of measuring nanometric distances between objects, such as transducing head a magnetic storage disk (col. 1, lines 8-13).

The combination of Mager et al and Wu et al can achieve the feature of image sensing sub-circuit, image transmitting sub-circuit, and electromagnetic induction sub-circuit. Nevertheless, the combination of the disclosure of Mager et al and Wu et al did not disclosed "an image sensing sub-circuit can catch image by transduction of optical radiation of the image data to generate a first image signal;" and "an electromagnetic induction sub-circuit for receiving an electromagnetic wave signal and generating a second image signal as claim 11 recited. furthermore, the combination of the disclosure of Mager et al and Wu et al did not disclose the **"image processing sub-circuit can control to switch all sub-circuits of the motionless-image processing system, and the image processing sub-circuit can perform image processing function to generate an image showing signal according to the first image signal and the second image signal."** Thus, the combination of Mager et al and Wu et al cannot achieve the present invention, and the rejection of the Examiner can be withdrawn.

Conclusion

In the light of the above amendments and remarks, Applicant respectfully submits that all pending Claims 1 through 68 as currently presented are in condition for allowance. Applicant has thoroughly reviewed that art cited but relied upon by the Examiner. Applicant has concluded that these references do not affect the patentability of these claims as currently presented. Accordingly, reconsideration is respectfully requested.

It is respectfully noted that the applicant has prepared this

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response and the response has merely been corrected for form and is
being filed by the undersigned attorney.

Respectfully submitted,



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